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RESULT 1
US-09-908-975-10633
; Sequence 10633, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: PAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICER
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10633
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975-10633

Query Match      1.2% Score 60; DB 1; Length 60;
Best Local Similarity 100.0%; Pred. No. 0.37;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      1      CGTCGATGGTATCTACTAGTCTGCGAGATGGAATCTTATCTTACTAAGACTGGCTC 60

ALIGNMENTS

RESULT 2
US-10-431-627-3/c
; Sequence 3, Application US/10431627
; Publication No. US2004023885A1
; GENERAL INFORMATION:
; APPLICANT: Keen, Randy
; APPLICANT: Koder, Alan
; APPLICANT: Evans, David
; TITLE OF INVENTION: Apparatus For the Automated Synthesis of
; FILE REFERENCE: 66663-031 (EAS438)
; CURRENT APPLICATION NUMBER: US/10/431,627
; CURRENT FILING DATE: 2003-05-06

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445	20	0.4	20	1	US-10-394-388A-6	Sequence 6, Appl	C 518	17.4	0.3	20	1	US-10-920-612-850	Sequence 850, App
446	20	0.4	20	1	US-10-688-239-54	Sequence 54, Appl	C 519	17.4	0.3	20	1	US-10-831-901A-29729	Sequence 29729, A
447	19.8	0.4	25	1	US-10-681-773-75257	Sequence 75257, A	C 520	17.4	0.3	21	1	US-10-374-686-4	Sequence 4, Appl
448	19.2	0.4	24	1	US-09-776-479-60	Sequence 60, Appl	C 521	17.4	0.3	22	1	US-10-412-137-34	Sequence 34, Appl
449	19.2	0.4	24	1	US-09-776-479-60	Sequence 60, Appl	C 522	17.4	0.3	22	1	US-10-723-947-34	Sequence 34, Appl
450	19.2	0.4	24	1	US-10-112-653-54	Sequence 54, Appl	C 523	17.2	0.3	22	1	US-09-263-959-808	Sequence 808, App
451	19.2	0.4	24	1	US-10-017-995-60	Sequence 60, Appl	C 524	17.2	0.3	22	1	US-10-361-002-33	Sequence 33, Appl
452	19.2	0.4	24	1	US-10-314-578-60	Sequence 60, Appl	C 525	17.2	0.3	22	1	US-10-361-002-33	Sequence 33, Appl
453	19.2	0.4	24	1	US-10-831-778-60	Sequence 60, Appl	C 526	17	0.3	17	1	US-08-865-579-5	Sequence 5, Appl
454	19.2	0.4	25	1	US-10-098-263B-76253	Sequence 76253, A	C 527	17	0.3	17	1	US-09-746-731-5	Sequence 5, Appl
455	19.2	0.4	25	1	US-10-098-263B-76254	Sequence 76254, A	C 528	17	0.3	17	1	US-09-952-768-6	Sequence 6, Appl
456	19.2	0.4	25	1	US-10-719-900-18911	Sequence 18911, A	C 529	17	0.3	17	1	US-09-944-851-6	Sequence 6, Appl
457	19.2	0.4	25	1	US-10-719-900-228029	Sequence 228029, A	C 530	17	0.3	17	1	US-10-059-749-5	Sequence 5, Appl
458	19.2	0.4	25	1	US-10-719-900-228030	Sequence 228030, A	C 531	17	0.3	17	1	US-10-337-060-6	Sequence 6, Appl
459	19.2	0.4	25	1	US-10-719-900-286591	Sequence 286591, A	C 532	17	0.3	17	1	US-10-668-955-6	Sequence 6, Appl
460	19.2	0.4	25	1	US-10-719-900-334399	Sequence 334399, A	C 533	17	0.3	18	1	US-10-669-966-28	Sequence 28, Appl
461	19.2	0.4	25	1	US-10-719-900-872675	Sequence 872675, A	C 534	17	0.3	18	1	US-10-669-966-28	Sequence 28, Appl
462	19.2	0.4	25	1	US-10-719-900-872676	Sequence 872676, A	C 535	17	0.3	19	1	US-10-871-222-150	Sequence 150, App
463	19.2	0.4	25	1	US-10-719-900-856708	Sequence 856708, A	C 536	17	0.3	19	1	US-10-871-222-300	Sequence 300, App
464	19.2	0.4	25	1	US-10-719-956-68653	Sequence 68653, A	C 537	17	0.3	20	1	US-08-809-422A-23	Sequence 23, Appl
465	19.2	0.4	25	1	US-10-719-956-659528	Sequence 369528, A	C 538	17	0.3	20	1	US-10-271-344-23	Sequence 23, Appl
466	19.2	0.4	25	1	US-10-719-956-467347	Sequence 467347, A	C 539	17	0.3	20	1	US-10-148-355A-10	Sequence 10, Appl
467	19.2	0.4	25	1	US-10-719-956-520734	Sequence 520734, A	C 540	17	0.3	22	1	US-10-397-131-7	Sequence 7, Appl
468	19	0.4	19	1	US-10-760-940-1	Sequence 1, Appl	C 541	16.8	0.3	20	1	US-10-160-786-72	Sequence 72, Appl
469	19	0.4	19	1	US-10-913-246-24	Sequence 24, Appl	C 542	16.8	0.3	20	1	US-10-667-022-72	Sequence 72, Appl
470	19	0.4	19	1	US-10-934-880-24	Sequence 24, Appl	C 543	16.8	0.3	20	1	US-10-831-901A-29728	Sequence 29728, A
471	19	0.4	19	1	US-10-700-884-23	Sequence 23, Appl	C 544	16.8	0.3	21	1	US-10-274-095-21	Sequence 21, Appl

253	20	0.4	20	US-10-160-786-128	Sequence 128, App	C 325	20	0.4	20	1	US-10-667-022-64	Sequence 64, App
254	20	0.4	20	US-10-160-786-129	Sequence 129, App	C 327	20	0.4	20	1	US-10-667-022-65	Sequence 65, App
255	20	0.4	20	US-10-160-786-130	Sequence 130, App	C 328	20	0.4	20	1	US-10-667-022-66	Sequence 66, App
256	20	0.4	20	US-10-160-786-131	Sequence 131, App	C 329	20	0.4	20	1	US-10-667-022-67	Sequence 67, App
257	20	0.4	20	US-10-160-786-132	Sequence 132, App	C 330	20	0.4	20	1	US-10-667-022-68	Sequence 68, App
258	20	0.4	20	US-10-160-786-133	Sequence 133, App	C 331	20	0.4	20	1	US-10-667-022-69	Sequence 69, App
259	20	0.4	20	US-10-160-786-134	Sequence 134, App	C 332	20	0.4	20	1	US-10-667-022-70	Sequence 70, App
260	20	0.4	20	US-10-160-786-135	Sequence 135, App	C 333	20	0.4	20	1	US-10-667-022-71	Sequence 71, App
261	20	0.4	20	US-10-160-786-136	Sequence 136, App	C 334	20	0.4	20	1	US-10-667-022-72	Sequence 72, App
262	20	0.4	20	US-10-160-786-137	Sequence 137, App	C 335	20	0.4	20	1	US-10-667-022-73	Sequence 73, App
263	20	0.4	20	US-10-160-786-138	Sequence 138, App	C 336	20	0.4	20	1	US-10-667-022-74	Sequence 74, App
264	20	0.4	20	US-10-160-786-139	Sequence 139, App	C 337	20	0.4	20	1	US-10-667-022-75	Sequence 75, App
265	20	0.4	20	US-10-160-786-140	Sequence 140, App	C 338	20	0.4	20	1	US-10-667-022-76	Sequence 76, App
266	20	0.4	20	US-10-160-786-141	Sequence 141, App	C 339	20	0.4	20	1	US-10-667-022-77	Sequence 77, App
267	20	0.4	20	US-10-160-786-142	Sequence 142, App	C 340	20	0.4	20	1	US-10-667-022-78	Sequence 78, App
268	20	0.4	20	US-10-160-786-143	Sequence 143, App	C 341	20	0.4	20	1	US-10-667-022-79	Sequence 79, App
269	20	0.4	20	US-10-160-786-144	Sequence 144, App	C 342	20	0.4	20	1	US-10-667-022-80	Sequence 80, App
270	20	0.4	20	US-10-160-786-145	Sequence 145, App	C 343	20	0.4	20	1	US-10-667-022-81	Sequence 81, App
271	20	0.4	20	US-10-160-786-146	Sequence 146, App	C 344	20	0.4	20	1	US-10-667-022-82	Sequence 82, App
272	20	0.4	20	US-10-160-786-147	Sequence 147, App	C 345	20	0.4	20	1	US-10-667-022-83	Sequence 83, App
C 273	20	0.4	20	US-10-667-022-11	Sequence 11, App	C 346	20	0.4	20	1	US-10-667-022-84	Sequence 84, App
C 274	20	0.4	20	US-10-667-022-12	Sequence 12, App	C 347	20	0.4	20	1	US-10-667-022-85	Sequence 85, App
C 275	20	0.4	20	US-10-667-022-13	Sequence 13, App	C 348	20	0.4	20	1	US-10-667-022-86	Sequence 86, App
C 276	20	0.4	20	US-10-667-022-14	Sequence 14, App	C 349	20	0.4	20	1	US-10-667-022-87	Sequence 87, App
C 277	20	0.4	20	US-10-667-022-15	Sequence 15, App	C 350	20	0.4	20	1	US-10-667-022-88	Sequence 88, App
C 278	20	0.4	20	US-10-667-022-16	Sequence 16, App	C 351	20	0.4	20	1	US-10-667-022-89	Sequence 89, App
C 279	20	0.4	20	US-10-667-022-17	Sequence 17, App	C 352	20	0.4	20	1	US-10-667-022-90	Sequence 90, App
C 280	20	0.4	20	US-10-667-022-18	Sequence 18, App	C 353	20	0.4	20	1	US-10-667-022-91	Sequence 91, App
C 281	20	0.4	20	US-10-667-022-19	Sequence 19, App	C 354	20	0.4	20	1	US-10-667-022-92	Sequence 92, App
C 282	20	0.4	20	US-10-667-022-20	Sequence 20, App	C 355	20	0.4	20	1	US-10-667-022-93	Sequence 93, App
C 283	20	0.4	20	US-10-667-022-21	Sequence 21, App	C 356	20	0.4	20	1	US-10-667-022-94	Sequence 94, App
C 284	20	0.4	20	US-10-667-022-22	Sequence 22, App	C 357	20	0.4	20	1	US-10-667-022-95	Sequence 95, App
C 285	20	0.4	20	US-10-667-022-23	Sequence 23, App	C 358	20	0.4	20	1	US-10-667-022-96	Sequence 96, App
C 286	20	0.4	20	US-10-667-022-24	Sequence 24, App	C 359	20	0.4	20	1	US-10-667-022-97	Sequence 97, App
C 287	20	0.4	20	US-10-667-022-25	Sequence 25, App	C 360	20	0.4	20	1	US-10-667-022-98	Sequence 98, App
C 288	20	0.4	20	US-10-667-022-26	Sequence 26, App	C 361	20	0.4	20	1	US-10-667-022-99	Sequence 99, App
C 289	20	0.4	20	US-10-667-022-27	Sequence 27, App	C 362	20	0.4	20	1	US-10-667-022-100	Sequence 100, App
C 290	20	0.4	20	US-10-667-022-28	Sequence 28, App	C 363	20	0.4	20	1	US-10-667-022-101	Sequence 101, App
C 291	20	0.4	20	US-10-667-022-29	Sequence 29, App	C 364	20	0.4	20	1	US-10-667-022-102	Sequence 102, App
C 292	20	0.4	20	US-10-667-022-30	Sequence 30, App	C 365	20	0.4	20	1	US-10-667-022-103	Sequence 103, App
C 293	20	0.4	20	US-10-667-022-31	Sequence 31, App	C 366	20	0.4	20	1	US-10-667-022-104	Sequence 104, App
C 294	20	0.4	20	US-10-667-022-32	Sequence 32, App	C 367	20	0.4	20	1	US-10-667-022-105	Sequence 105, App
C 295	20	0.4	20	US-10-667-022-33	Sequence 33, App	C 368	20	0.4	20	1	US-10-667-022-106	Sequence 106, App
C 296	20	0.4	20	US-10-667-022-34	Sequence 34, App	C 369	20	0.4	20	1	US-10-667-022-107	Sequence 107, App
C 297	20	0.4	20	US-10-667-022-35	Sequence 35, App	C 370	20	0.4	20	1	US-10-667-022-108	Sequence 108, App
C 298	20	0.4	20	US-10-667-022-36	Sequence 36, App	C 371	20	0.4	20	1	US-10-667-022-109	Sequence 109, App
C 299	20	0.4	20	US-10-667-022-37	Sequence 37, App	C 372	20	0.4	20	1	US-10-667-022-110	Sequence 110, App
C 300	20	0.4	20	US-10-667-022-38	Sequence 38, App	C 373	20	0.4	20	1	US-10-667-022-111	Sequence 111, App
C 301	20	0.4	20	US-10-667-022-39	Sequence 39, App	C 374	20	0.4	20	1	US-10-667-022-112	Sequence 112, App
C 302	20	0.4	20	US-10-667-022-40	Sequence 40, App	C 375	20	0.4	20	1	US-10-667-022-113	Sequence 113, App
C 303	20	0.4	20	US-10-667-022-41	Sequence 41, App	C 376	20	0.4	20	1	US-10-667-022-114	Sequence 114, App
C 304	20	0.4	20	US-10-667-022-42	Sequence 42, App	C 377	20	0.4	20	1	US-10-667-022-115	Sequence 115, App
C 305	20	0.4	20	US-10-667-022-43	Sequence 43, App	C 378	20	0.4	20	1	US-10-667-022-116	Sequence 116, App
C 306	20	0.4	20	US-10-667-022-44	Sequence 44, App	C 379	20	0.4	20	1	US-10-667-022-117	Sequence 117, App
C 307	20	0.4	20	US-10-667-022-45	Sequence 45, App	C 380	20	0.4	20	1	US-10-667-022-118	Sequence 118, App
C 308	20	0.4	20	US-10-667-022-46	Sequence 46, App	C 381	20	0.4	20	1	US-10-667-022-119	Sequence 119, App
C 309	20	0.4	20	US-10-667-022-47	Sequence 47, App	C 382	20	0.4	20	1	US-10-667-022-120	Sequence 120, App
C 310	20	0.4	20	US-10-667-022-48	Sequence 48, App	C 383	20	0.4	20	1	US-10-667-022-121	Sequence 121, App
C 311	20	0.4	20	US-10-667-022-49	Sequence 49, App	C 384	20	0.4	20	1	US-10-667-022-122	Sequence 122, App
C 312	20	0.4	20	US-10-667-022-50	Sequence 50, App	C 385	20	0.4	20	1	US-10-667-022-123	Sequence 123, App
C 313	20	0.4	20	US-10-667-022-51	Sequence 51, App	C 386	20	0.4	20	1	US-10-667-022-124	Sequence 124, App
C 314	20	0.4	20	US-10-667-022-52	Sequence 52, App	C 387	20	0.4	20	1	US-10-667-022-125	Sequence 125, App
C 315	20	0.4	20	US-10-667-022-53	Sequence 53, App	C 388	20	0.4	20	1	US-10-667-022-126	Sequence 126, App
C 316	20	0.4	20	US-10-667-022-54	Sequence 54, App	C 389	20	0.4	20	1	US-10-667-022-127	Sequence 127, App
C 317	20	0.4	20	US-10-667-022-55	Sequence 55, App	C 390	20	0.4	20	1	US-10-667-022-128	Sequence 128, App
C 318	20	0.4	20	US-10-667-022-56	Sequence 56, App	C 391	20	0.4	20	1	US-10-667-022-129	Sequence 129, App
C 319	20	0.4	20	US-10-667-022-57	Sequence 57, App	C 392	20	0.4	20	1	US-10-667-022-130	Sequence 130, App
C 320	20	0.4	20	US-10-667-022-58	Sequence 58, App	C 393	20	0.4	20	1	US-10-667-022-131	Sequence 131, App
C 321	20	0.4	20	US-10-667-022-59	Sequence 59, App	C 394	20	0.4	20	1	US-10-667-022-132	Sequence 132, App
C 322	20	0.4	20	US-10-667-022-60	Sequence 60, App	C 395	20	0.4	20	1	US-10-667-022-133	Sequence 133, App
C 323	20	0.4	20	US-10-667-022-61	Sequence 61, App	C 396	20	0.4	20	1	US-10-667-022-134	Sequence 134, App
C 324	20	0.4	20	US-10-667-022-62	Sequence 62, App	C 397	20	0.4	20	1	US-10-667-022-135	Sequence 135, App
C 325	20	0.4	20	US-10-667-022-63	Sequence 63, App	C 398	20	0.4	20	1	US-10-667-022-136	Sequence 136, App

C 107	24	0.5	28	1	US-10-942-251-12	Sequence 12, Appl	C 180	20	0.4	20	1	US-10-160-786-55	Sequence 55, Appl
108	23.4	0.5	25	1	US-10-719-956-529365	Sequence 529365,	C 181	20	0.4	20	1	US-10-160-786-56	Sequence 56, Appl
109	23	0.5	23	1	US-10-160-786-5	Sequence 5, Appl	C 182	20	0.4	20	1	US-10-160-786-57	Sequence 57, Appl
C 110	23	0.5	23	1	US-10-160-786-6	Sequence 6, Appl	C 183	20	0.4	20	1	US-10-160-786-58	Sequence 58, Appl
C 111	23	0.5	23	1	US-10-667-022-5	Sequence 5, Appl	C 184	20	0.4	20	1	US-10-160-786-59	Sequence 59, Appl
C 112	23	0.5	23	1	US-10-667-022-6	Sequence 6, Appl	C 185	20	0.4	20	1	US-10-160-786-60	Sequence 60, Appl
C 113	23	0.5	23	1	US-10-048-866D-10	Sequence 10, Appl	C 186	20	0.4	20	1	US-10-160-786-61	Sequence 61, Appl
C 114	22	0.4	24	1	US-10-721-793-285	Sequence 285, App	C 187	20	0.4	20	1	US-10-160-786-62	Sequence 62, Appl
115	21.8	0.4	25	1	US-10-719-956-45762	Sequence 45762, A	C 188	20	0.4	20	1	US-10-160-786-63	Sequence 63, Appl
116	21.8	0.4	25	1	US-10-719-956-150046	Sequence 150046,	C 189	20	0.4	20	1	US-10-160-786-64	Sequence 64, Appl
117	21.8	0.4	25	1	US-10-719-956-159330	Sequence 159330,	C 190	20	0.4	20	1	US-10-160-786-65	Sequence 65, Appl
C 118	21.8	0.4	25	1	US-10-719-956-159364	Sequence 159364,	C 191	20	0.4	20	1	US-10-160-786-66	Sequence 66, Appl
C 119	21.8	0.4	27	1	US-10-085-906-78	Sequence 78, Appl	C 192	20	0.4	20	1	US-10-160-786-67	Sequence 67, Appl
C 120	21	0.4	21	1	US-08-805-813-4	Sequence 4, Appl	C 193	20	0.4	20	1	US-10-160-786-68	Sequence 68, Appl
C 121	21	0.4	21	1	US-10-831-778-912	Sequence 912, App	C 194	20	0.4	20	1	US-10-160-786-69	Sequence 69, Appl
C 122	21	0.4	21	1	US-10-830-287A-7	Sequence 7, Appl	C 195	20	0.4	20	1	US-10-160-786-70	Sequence 70, Appl
C 123	21	0.4	21	1	US-10-601-140A-43	Sequence 43, Appl	C 196	20	0.4	20	1	US-10-160-786-71	Sequence 71, Appl
124	20.4	0.4	26	1	US-10-930-301-4	Sequence 4, Appl	C 197	20	0.4	20	1	US-10-160-786-72	Sequence 72, Appl
C 125	20.4	0.4	26	1	US-10-930-301-44	Sequence 44, Appl	C 198	20	0.4	20	1	US-10-160-786-73	Sequence 73, Appl
C 126	20.4	0.4	26	1	US-10-930-301-98	Sequence 98, Appl	C 199	20	0.4	20	1	US-10-160-786-74	Sequence 74, Appl
C 127	20.2	0.4	22	1	US-10-664-000-3	Sequence 3, Appl	C 200	20	0.4	20	1	US-10-160-786-75	Sequence 75, Appl
C 128	20.2	0.4	22	1	US-10-601-140A-32	Sequence 32, Appl	C 201	20	0.4	20	1	US-10-160-786-76	Sequence 76, Appl
C 129	20.2	0.4	22	1	US-10-601-140A-45	Sequence 45, Appl	C 202	20	0.4	20	1	US-10-160-786-77	Sequence 77, Appl
C 130	20.2	0.4	25	1	US-10-719-956-45761	Sequence 45761, A	C 203	20	0.4	20	1	US-10-160-786-78	Sequence 78, Appl
131	20.2	0.4	25	1	US-10-719-956-150045	Sequence 150045,	C 204	20	0.4	20	1	US-10-160-786-79	Sequence 79, Appl
132	20.2	0.4	25	1	US-10-719-956-159329	Sequence 159329,	C 205	20	0.4	20	1	US-10-160-786-80	Sequence 80, Appl
C 133	20.2	0.4	25	1	US-10-719-956-415353	Sequence 415353,	C 206	20	0.4	20	1	US-10-160-786-81	Sequence 81, Appl
C 134	20.2	0.4	26	1	US-10-085-906-144	Sequence 144, App	C 207	20	0.4	20	1	US-10-160-786-82	Sequence 82, Appl
C 135	20	0.4	20	1	US-09-976-900A-55	Sequence 55, Appl	C 208	20	0.4	20	1	US-10-160-786-83	Sequence 83, Appl
C 136	20	0.4	20	1	US-10-160-786-11	Sequence 11, Appl	C 209	20	0.4	20	1	US-10-160-786-84	Sequence 84, Appl
C 137	20	0.4	20	1	US-10-160-786-12	Sequence 12, Appl	C 210	20	0.4	20	1	US-10-160-786-85	Sequence 85, Appl
C 138	20	0.4	20	1	US-10-160-786-13	Sequence 13, Appl	C 211	20	0.4	20	1	US-10-160-786-86	Sequence 86, Appl
C 139	20	0.4	20	1	US-10-160-786-14	Sequence 14, Appl	C 212	20	0.4	20	1	US-10-160-786-87	Sequence 87, Appl
C 140	20	0.4	20	1	US-10-160-786-15	Sequence 15, Appl	C 213	20	0.4	20	1	US-10-160-786-88	Sequence 88, Appl
C 141	20	0.4	20	1	US-10-160-786-16	Sequence 16, Appl	C 214	20	0.4	20	1	US-10-160-786-89	Sequence 89, Appl
C 142	20	0.4	20	1	US-10-160-786-17	Sequence 17, Appl	215	20	0.4	20	1	US-10-160-786-90	Sequence 90, Appl
C 143	20	0.4	20	1	US-10-160-786-18	Sequence 18, Appl	216	20	0.4	20	1	US-10-160-786-91	Sequence 91, Appl
C 144	20	0.4	20	1	US-10-160-786-19	Sequence 19, Appl	217	20	0.4	20	1	US-10-160-786-92	Sequence 92, Appl
C 145	20	0.4	20	1	US-10-160-786-20	Sequence 20, Appl	218	20	0.4	20	1	US-10-160-786-93	Sequence 93, Appl
C 146	20	0.4	20	1	US-10-160-786-21	Sequence 21, Appl	219	20	0.4	20	1	US-10-160-786-94	Sequence 94, Appl
C 147	20	0.4	20	1	US-10-160-786-22	Sequence 22, Appl	220	20	0.4	20	1	US-10-160-786-95	Sequence 95, Appl
C 148	20	0.4	20	1	US-10-160-786-23	Sequence 23, Appl	221	20	0.4	20	1	US-10-160-786-96	Sequence 96, Appl
C 149	20	0.4	20	1	US-10-160-786-24	Sequence 24, Appl	222	20	0.4	20	1	US-10-160-786-97	Sequence 97, Appl
C 150	20	0.4	20	1	US-10-160-786-25	Sequence 25, Appl	223	20	0.4	20	1	US-10-160-786-98	Sequence 98, Appl
C 151	20	0.4	20	1	US-10-160-786-26	Sequence 26, Appl	224	20	0.4	20	1	US-10-160-786-99	Sequence 99, Appl
C 152	20	0.4	20	1	US-10-160-786-27	Sequence 27, Appl	225	20	0.4	20	1	US-10-160-786-100	Sequence 100, Appl
C 153	20	0.4	20	1	US-10-160-786-28	Sequence 28, Appl	226	20	0.4	20	1	US-10-160-786-101	Sequence 101, Appl
C 154	20	0.4	20	1	US-10-160-786-29	Sequence 29, Appl	227	20	0.4	20	1	US-10-160-786-102	Sequence 102, Appl
C 155	20	0.4	20	1	US-10-160-786-30	Sequence 30, Appl	228	20	0.4	20	1	US-10-160-786-103	Sequence 103, Appl
C 156	20	0.4	20	1	US-10-160-786-31	Sequence 31, Appl	229	20	0.4	20	1	US-10-160-786-104	Sequence 104, Appl
C 157	20	0.4	20	1	US-10-160-786-32	Sequence 32, Appl	230	20	0.4	20	1	US-10-160-786-105	Sequence 105, Appl
C 158	20	0.4	20	1	US-10-160-786-33	Sequence 33, Appl	231	20	0.4	20	1	US-10-160-786-106	Sequence 106, Appl
C 159	20	0.4	20	1	US-10-160-786-34	Sequence 34, Appl	232	20	0.4	20	1	US-10-160-786-107	Sequence 107, Appl
C 160	20	0.4	20	1	US-10-160-786-35	Sequence 35, Appl	233	20	0.4	20	1	US-10-160-786-108	Sequence 108, Appl
C 161	20	0.4	20	1	US-10-160-786-36	Sequence 36, Appl	234	20	0.4	20	1	US-10-160-786-109	Sequence 109, Appl
C 162	20	0.4	20	1	US-10-160-786-37	Sequence 37, Appl	235	20	0.4	20	1	US-10-160-786-110	Sequence 110, Appl
C 163	20	0.4	20	1	US-10-160-786-38	Sequence 38, Appl	236	20	0.4	20	1	US-10-160-786-111	Sequence 111, Appl
C 164	20	0.4	20	1	US-10-160-786-39	Sequence 39, Appl	237	20	0.4	20	1	US-10-160-786-112	Sequence 112, Appl
C 165	20	0.4	20	1	US-10-160-786-40	Sequence 40, Appl	238	20	0.4	20	1	US-10-160-786-113	Sequence 113, Appl
C 166	20	0.4	20	1	US-10-160-786-41	Sequence 41, Appl	239	20	0.4	20	1	US-10-160-786-114	Sequence 114, Appl
C 167	20	0.4	20	1	US-10-160-786-42	Sequence 42, Appl	240	20	0.4	20	1	US-10-160-786-115	Sequence 115, Appl
C 168	20	0.4	20	1	US-10-160-786-43	Sequence 43, Appl	241	20	0.4	20	1	US-10-160-786-116	Sequence 116, Appl
C 169	20	0.4	20	1	US-10-160-786-44	Sequence 44, Appl	242	20	0.4	20	1	US-10-160-786-117	Sequence 117, Appl
C 170	20	0.4	20	1	US-10-160-786-45	Sequence 45, Appl	243	20	0.4	20	1	US-10-160-786-118	Sequence 118, Appl
C 171	20	0.4	20	1	US-10-160-786-46	Sequence 46, Appl	244	20	0.4	20	1	US-10-160-786-119	Sequence 119, Appl
C 172	20	0.4	20	1	US-10-160-786-47	Sequence 47, Appl	245	20	0.4	20	1	US-10-160-786-120	Sequence 120, Appl
C 173	20	0.4	20	1	US-10-160-786-48	Sequence 48, Appl	246	20	0.4	20	1	US-10-160-786-121	Sequence 121, Appl
C 174	20	0.4	20	1	US-10-160-786-49	Sequence 49, Appl	247	20	0.4	20	1	US-10-160-786-122	Sequence 122, Appl
C 175	20	0.4	20	1	US-10-160-786-50	Sequence 50, Appl	248	20	0.4	20	1	US-10-160-786-123	Sequence 123, Appl
C 176	20	0.4	20	1	US-10-160-786-51	Sequence 51, Appl	249	20	0.4	20	1	US-10-160-786-124	Sequence 124, Appl
C 177	20	0.4	20	1	US-10-160-786-52	Sequence 52, Appl	250	20	0.4	20	1	US-10-160-786-125	Sequence 125, Appl
C 178	20	0.4	20	1	US-10-160-786-53	Sequence 53, Appl	251	20	0.4	20	1	US-10-160-786-126	Sequence 126, Appl
C 179	20	0.4	20	1	US-10-160-786-54	Sequence 54, Appl	252	20	0.4	20	1	US-10-160-786-127	Sequence 127, Appl

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OM nucleic - nucleic search, using SW model

Run on: August 18, 2005, 08:50:58 ; Search time 45 Seconds
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Perfect score: 5085
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Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 0.5

Searched: 776 seqs, 16629 residues

Total number of hits satisfying chosen parameters: 1552

Minimum DB seq length: 8
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 782 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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105	24	0.5	24	1	US-10-357-930-14833
106	24	0.5	24	1	US-10-942-251-3

C 107	15.8	0.3	20	1	US-09-453-234-4	Sequence 4, Appl1	180	14.4	0.3	16	1	US-08-461-859-7	Sequence 7, Appl1
C 108	15.8	0.3	21	1	US-08-632-598-29	Sequence 29, Appl1	181	14.4	0.3	16	1	US-08-462-498-7	Sequence 7, Appl1
C 109	15.8	0.3	21	1	US-09-231-240-29	Sequence 29, Appl1	182	14.4	0.3	16	1	US-08-879-260-10	Sequence 10, Appl1
C 110	15.8	0.3	21	1	US-09-421-978-8727	Sequence 8727, Ap	183	14.4	0.3	16	1	US-08-554-385-7	Sequence 7, Appl1
C 111	15.4	0.3	17	1	US-09-685-664B-1073	Sequence 1073, Ap	184	14.4	0.3	16	1	US-09-371-772B-7023	Sequence 7023, Ap
C 112	15.4	0.3	17	1	US-09-685-664B-1076	Sequence 1076, Ap	185	14.4	0.3	16	1	PCT-US93-10069-7	Sequence 7, Appl1
C 113	15.4	0.3	17	1	US-09-685-664B-1077	Sequence 1077, Ap	186	14.4	0.3	17	1	US-08-373-124A-596	Sequence 596, App
C 114	15.4	0.3	18	1	US-09-904-744-1	Sequence 1, Appl1	187	14.4	0.3	17	1	US-08-373-124A-1635	Sequence 1635, Ap
C 115	15.4	0.3	20	1	US-08-467-822-6	Sequence 6, Appl1	188	14.4	0.3	17	1	US-08-435-628-596	Sequence 596, App
C 116	15.4	0.3	20	1	US-09-357-070-8	Sequence 8, Appl1	189	14.4	0.3	17	1	US-08-435-628-596	Sequence 1635, Ap
C 117	15.4	0.3	20	1	US-08-432-697-6	Sequence 6, Appl1	190	14.4	0.3	17	1	US-08-894-483-2	Sequence 2, Appl1
C 118	15.4	0.3	20	1	US-08-466-248-6	Sequence 6, Appl1	191	14.4	0.3	17	1	US-09-866-108A-630	Sequence 630, App
C 119	15.4	0.3	20	1	US-08-275-951-49	Sequence 49, Appl1	192	14.4	0.3	17	1	US-09-866-108A-631	Sequence 631, App
C 120	15.4	0.3	20	1	US-09-422-978-6200	Sequence 6200, Ap	193	14.4	0.3	17	1	US-09-866-108A-6351	Sequence 6351, Ap
C 121	15.4	0.3	20	1	US-09-306-420C-6	Sequence 6, Appl1	194	14.4	0.3	17	1	US-09-866-108A-6352	Sequence 6352, Ap
C 122	15.4	0.3	20	1	US-09-081-385-98	Sequence 98, Appl1	195	14.4	0.3	17	1	US-09-685-664B-1072	Sequence 1072, Ap
C 123	15.2	0.3	20	1	US-07-977-284A-103	Sequence 103, App	196	14.4	0.3	17	1	US-09-685-664B-1078	Sequence 1078, Ap
C 124	15.2	0.3	20	1	US-08-406-635-14	Sequence 14, Appl	197	14.4	0.3	18	1	US-08-585-684B-2626	Sequence 2626, Ap
C 125	15.2	0.3	20	1	US-08-598-591-57	Sequence 57, Appl	198	14.4	0.3	18	1	US-09-205-144-32	Sequence 32, Appl
C 126	15.2	0.3	20	1	US-08-637-802-7	Sequence 7, Appl1	199	14.4	0.3	18	1	US-09-161-244-28	Sequence 28, Appl
C 127	15.2	0.3	20	1	US-08-233-005-8	Sequence 8, Appl1	200	14.4	0.3	18	1	US-09-038-073-2626	Sequence 2626, Ap
C 128	15.2	0.3	20	1	US-08-798-691-61	Sequence 61, Appl1	201	14.4	0.3	18	1	US-09-306-595C-30	Sequence 30, Appl
C 129	15.2	0.3	20	1	US-08-428-943-8	Sequence 8, Appl1	202	14.4	0.3	18	1	US-09-422-978-5652	Sequence 5652, Ap
C 130	15.2	0.3	20	1	US-08-639-501-120	Sequence 120, App	203	14.4	0.3	18	1	US-09-422-978-5652	Sequence 5652, Ap
C 131	15.2	0.3	20	1	US-08-256-426B-103	Sequence 103, App	204	14.4	0.3	18	1	US-09-925-388-30	Sequence 30, Appl
C 132	15.2	0.3	20	1	US-08-974-180-A	Sequence 4, Appl1	205	14.4	0.3	19	1	US-08-671-978A-43	Sequence 43, Appl
C 133	15.2	0.3	20	1	US-09-044-946-120	Sequence 120, App	206	14.4	0.3	19	1	US-08-434-099A-22	Sequence 22, Appl
C 134	15.2	0.3	20	1	US-08-825-487A-61	Sequence 61, Appl	207	14.4	0.3	19	1	US-09-345-882-113	Sequence 113, Appl
C 135	15.2	0.3	20	1	US-09-016-649-8	Sequence 8, Appl1	208	14.4	0.3	19	1	US-09-261-115-53	Sequence 53, Appl
C 136	15.2	0.3	20	1	US-09-044-908-120	Sequence 120, App	209	14.4	0.3	19	1	US-09-422-978-7136	Sequence 7136, Ap
C 137	15.2	0.3	20	1	US-09-074-476-61	Sequence 61, Appl	210	14.4	0.3	19	1	US-09-698-729-5	Sequence 5, Appl1
C 138	15.2	0.3	20	1	US-08-765-340-10	Sequence 10, Appl	211	14.4	0.3	19	1	US-09-696-731-33	Sequence 33, Appl
C 139	15.2	0.3	20	1	US-09-467-082-28	Sequence 28, Appl	212	14.4	0.3	19	1	US-09-232-338-43	Sequence 43, Appl
C 140	15.2	0.3	20	1	US-09-021-701-549	Sequence 549, App	213	14.4	0.3	14	1	US-08-294-424-33	Sequence 33, Appl
C 141	15.2	0.3	20	1	US-09-168-406A-28	Sequence 28, Appl	214	14.4	0.3	14	1	US-09-600-932-4	Sequence 4, Appl1
C 142	15.2	0.3	20	1	US-09-428-583-45	Sequence 45, Appl	215	14.4	0.3	14	1	US-09-043-861-15	Sequence 15, Appl
C 143	15.2	0.3	20	1	US-09-702-246-31	Sequence 31, Appl	216	14.4	0.3	14	1	US-09-190-976B-14	Sequence 14, Appl
C 144	15.2	0.3	20	1	US-09-844-634-153	Sequence 153, App	217	14.4	0.3	14	1	US-09-859-735-7	Sequence 7, Appl1
C 145	15.2	0.3	20	1	US-09-411-628-9	Sequence 9, Appl1	218	14.4	0.3	16	1	US-08-585-888-34	Sequence 34, Appl
C 146	15.2	0.3	20	1	US-09-746-694-40	Sequence 40, Appl1	219	14.4	0.3	16	1	US-09-195-991-34	Sequence 34, Appl
C 147	15.2	0.3	20	1	US-09-422-978-4301	Sequence 4301, Ap	220	14.4	0.3	16	1	US-09-155-885A-236	Sequence 236, Appl
C 148	15.2	0.3	20	1	US-09-198-452A-4833	Sequence 4833, Ap	221	14.4	0.3	17	1	US-08-292-620A-1731	Sequence 1731, Ap
C 149	15.2	0.3	20	1	US-09-107-106-42	Sequence 42, Appl	222	14.4	0.3	17	1	US-08-292-620A-1748	Sequence 1748, Ap
C 150	15.2	0.3	20	1	US-09-665-615B-177	Sequence 177, App	223	14.4	0.3	17	1	US-09-071-845-1731	Sequence 1731, Ap
C 151	15.2	0.3	20	1	US-10-174-794-9	Sequence 9, Appl1	224	14.4	0.3	17	1	US-09-071-845-1748	Sequence 1748, Ap
C 152	15.2	0.3	20	1	US-10-022-819-56	Sequence 56, Appl	225	14.4	0.3	17	1	US-09-535-012A-16	Sequence 16, Appl
C 153	15.2	0.3	20	1	US-08-983-605-245	Sequence 245, App	226	14.4	0.3	17	1	US-09-866-108A-10544	Sequence 10544, A
C 154	15.2	0.3	20	1	US-09-917-963-44	Sequence 44, Appl	227	14.4	0.3	17	1	US-09-866-108A-10545	Sequence 10545, A
C 155	15.2	0.3	20	1	US-09-917-963-44	Sequence 44, Appl	228	14.4	0.3	17	1	US-09-866-108A-10546	Sequence 10546, A
C 156	15.2	0.3	20	1	PCT-US95-04858-8	Sequence 8, Appl1	229	14.4	0.3	17	1	US-09-866-108A-10547	Sequence 10547, A
C 157	15.2	0.3	15	1	US-10-352-704-10	Sequence 10, Appl	230	14.4	0.3	17	1	US-09-155-885A-235	Sequence 235, App
C 158	15.2	0.3	15	1	US-10-352-704-10	Sequence 10, Appl	231	14.4	0.3	17	1	US-09-155-885A-237	Sequence 237, App
C 159	15.2	0.3	18	1	US-09-422-978-8771	Sequence 8771, Ap	232	14.4	0.3	18	1	US-08-294-428B-11	Sequence 11, Appl
C 160	15.2	0.3	19	1	US-09-422-978-8755	Sequence 8755, Ap	233	14.4	0.3	18	1	US-08-468-024B-11	Sequence 11, Appl
C 161	15.2	0.3	20	1	US-09-290-640-27	Sequence 27, Appl	234	14.4	0.3	18	1	US-08-187-757D-9	Sequence 9, Appl1
C 162	15.2	0.3	20	1	US-09-517-67B-343	Sequence 343, App	235	14.4	0.3	18	1	US-09-535-017A-10	Sequence 10, Appl
C 163	15.2	0.3	20	1	US-09-665-615B-27	Sequence 27, Appl	236	14.4	0.3	18	1	US-09-422-978-5372	Sequence 5372, App
C 164	14.8	0.3	18	1	US-09-256-496-45	Sequence 45, Appl	237	14.4	0.3	18	1	US-08-465-679-11	Sequence 11, Appl
C 165	14.8	0.3	18	1	US-09-475-947A-340	Sequence 340, App	238	14.4	0.3	18	1	US-08-210-143C-9	Sequence 9, Appl1
C 166	14.8	0.3	18	1	US-09-618-919A-3	Sequence 3, Appl1	239	14.4	0.3	18	1	US-09-155-885A-145	Sequence 145, App
C 167	14.8	0.3	18	1	US-09-618-919A-7	Sequence 7, Appl1	240	14.4	0.3	18	1	US-09-155-885A-238	Sequence 238, App
C 168	14.8	0.3	19	1	US-07-636-793A-47	Sequence 47, Appl	241	14.4	0.3	18	1	US-09-700-492-8	Sequence 8, Appl1
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C 171	14.8	0.3	19	1	US-08-299-187-11	Sequence 11, Appl							
C 172	14.8	0.3	19	1	US-08-432-158-23	Sequence 23, Appl							
C 173	14.8	0.3	19	1	US-08-910-443-3	Sequence 3, Appl1							
C 174	14.8	0.3	19	1	US-08-910-443-11	Sequence 11, Appl							
C 175	14.8	0.3	19	1	US-08-876-874-4	Sequence 4, Appl1							
C 176	14.8	0.3	19	1	PCT-US95-1111A-11	Sequence 11, Appl							
C 177	14.4	0.3	16	1	US-08-011-398B-7	Sequence 7, Appl1							
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C 179	14.4	0.3	16	1	US-08-464-051-7	Sequence 7, Appl1							

ALIGNMENTS

RESULT 1
US-08-182-060A-11
; Sequence 11, Application US/08182060A
; Patent No. 5648210
; GENERAL INFORMATION:
; APPLICANT: John W. Pierce

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OM nucleic - nucleic search, using sw model

Run on: August 18, 2005, 08:39:57 / Search time 14 Seconds

(without alignments)
3.422 Million cell updates/sec

Title: US-10-667-022-4

Perfect score: 5085

Sequence: 1 ggaacccccgggtgcagga.....tcgagggggggcccggtacc 5085

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 0.5

Searched: 241 seqs, 4711 residues

Total number of hits satisfying chosen parameters: 482

Minimum DB seq length: 8
Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 241 summaries

Database: fetchrnt1.seq*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
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12	24	0.5	24	US-09-213-834B-3
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29	18.8	0.4	25	US-09-538-709-391
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31	18.8	0.4	25	US-09-396-196G-108648
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C 35	18	0.4	18	US-10-352-704-12	Sequence 12, Appl
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C 67	16.8	0.3	22	US-09-672B-106	Sequence 106, Ap
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C 69	16.4	0.3	19	US-09-439-616-6	Sequence 6, Appl
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C 72	16.4	0.3	21	US-08-474-177-8	Sequence 8, Appl
C 73	16.2	0.3	21	US-08-480-810-8	Sequence 8, Appl
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C 76	16	0.3	17	US-09-766-253-131	Sequence 131, Appl
C 77	16	0.3	17	US-09-685-664B-1074	Sequence 1074, Ap
C 78	16	0.3	17	US-09-685-664B-1075	Sequence 1075, Ap
C 79	16	0.3	17	US-09-090-672B-105	Sequence 105, Ap
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C 81	16	0.3	20	US-09-090-672B-107	Sequence 107, Ap
C 82	16	0.3	21	US-09-065-058-1	Sequence 1, Appl
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C 104	15.8	0.3	20	US-08-480-810-8	Sequence 8, Appl
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C 106	15.8	0.3	20	US-08-480-810-8	Sequence 8, Appl

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c 400	16.4	0.3	20	1	ADK77211	Chimeric phosphoro	473	15.8	0.3	20	1	ABD25730	AA465687-derived o
c 401	16.4	0.3	20	1	ADK7861	Chimeric phosphoro	474	15.8	0.3	20	1	ABD26605	AA909633-derived o
c 402	16.4	0.3	20	1	ADK78504	Chimeric phosphoro	c 475	15.8	0.3	20	1	ADH64788	Human glucocorticoid
c 403	16.4	0.3	20	1	ADK71038	Human CD90 reverse	c 476	15.8	0.3	20	1	ADH64940	Human glucocorticoid
c 404	16.4	0.3	21	1	AAH62440	Proteasome 26S sub	c 477	15.8	0.3	20	1	ADH54718	Human VEGF-C antis
c 405	16.4	0.3	21	1	ABT08334	Human NOVA PCR pr	c 478	15.8	0.3	20	1	ADH54788	Human VEGF-C large
c 406	16.4	0.3	21	1	ADH108334	Reverse PCR primer	c 479	15.8	0.3	20	1	ADH17090	Antisense DNA olig
c 407	16.2	0.3	21	1	AA086460	IFN-alpha nt723-73	c 480	15.8	0.3	20	1	ADJ16142	Antisense DNA olig
c 408	16.2	0.3	21	1	AA26585	Human polyomorph	481	15.8	0.3	20	1	ADJ23137	Human endothelial
c 409	16.2	0.3	21	1	AAA47555	Primer for CTACK f	482	15.8	0.3	20	1	ADJ22653	Human endothelial
c 410	16.2	0.3	21	1	ABX11428	Human CTACK compet	483	15.8	0.3	20	1	ADK81523	Chimeric phosphoro
c 411	16.2	0.3	21	1	ADH86772	rs572 primer #2.	484	15.8	0.3	20	1	ADK80970	Chimeric phosphoro
c 412	16.2	0.3	21	1	ADJ97635	Human Flt-1 DNA se	c 485	15.8	0.3	20	1	ADL59715	Human ESM-1 antis
c 413	16.2	0.3	21	1	ADJ97635	Human Flt-1 DNA se	c 486	15.8	0.3	20	1	ADL59601	Human ESM-1 antis
c 414	16	0.3	17	1	ABK00643	Human NOGO Hammarh	c 487	15.8	0.3	20	1	ADL59376	Human ESM-1 antis
c 415	16	0.3	17	1	ABK40345	Tumour suppression	c 488	15.8	0.3	20	1	ADL59258	Human ESM-1 antis
c 416	16	0.3	17	1	ABK45157	Tumour suppression	c 489	15.8	0.3	20	1	ADN35886	Osmolyte-stabilise
c 417	16	0.3	20	1	AAV37774	Analytical solid p	c 490	15.8	0.3	20	1	ADOS3504	Farnesoid X recept
c 418	16	0.3	20	1	AAH89313	5'-phosphorylated	c 491	15.8	0.3	20	1	ADOS3202	Farnesoid X recept
c 419	16	0.3	20	1	ABK50593	Streptomyces hygro	c 492	15.8	0.3	20	1	ADN01338	Endothelial differ
c 420	16	0.3	20	1	ADJ35091	Human Pla2G1B gene	c 493	15.8	0.3	20	1	ADOS9323	KIAA1096 forward p
c 421	16	0.3	20	1	ADJ09992	PCR primer 8 to ge	494	15.8	0.3	20	1	ADJ04094	CAPN3/DYSP PCR pri
c 422	16	0.3	20	1	ADK27118	Human matrix metal	495	15.8	0.3	21	1	AAV37276	5' PCR primer for
c 423	16	0.3	20	1	ADK72469	Antisense oligo ta	c 496	15.8	0.3	21	1	AAK27520	Banana EPE gene tr
c 424	16	0.3	21	1	AAZ93879	Primer for amplify	c 497	15.8	0.3	21	1	AAZ74371	Human ballelic ma
c 425	16	0.3	21	1	AAZ95501	Human gene single	498	15.8	0.3	21	1	ABK81997	Wound healing rela
c 426	15.8	0.3	19	1	AAV22621	Adhain gene fragm	499	15.8	0.3	21	1	ABK81999	Mouse wound healin
c 427	15.8	0.3	19	1	AAZ69801	Human ballelic ma	c 500	15.8	0.3	21	1	AAH62183	APL2 polymorphism
c 428	15.8	0.3	19	1	ADG35257	HIV sRNA oligonuc	c 501	15.8	0.3	21	1	ABK94358	Endothelin convert
c 429	15.8	0.3	19	1	ADG35995	HIV sRNA oligonuc	c 502	15.8	0.3	21	1	ABK94357	Endothelin convert
c 430	15.8	0.3	19	1	ADL79331	Human HER2 (EGFR2)	c 503	15.8	0.3	21	1	ABK94357	Endothelin convert
c 431	15.8	0.3	19	1	ADL79082	Human HER2 (EGFR2)	c 504	15.8	0.3	21	1	ABV76147	Mouse alpha 1-anti
c 432	15.8	0.3	19	1	ADK77519	Human apolipoprote	c 505	15.8	0.3	21	1	ACG58762	Pro-alpha 1(III) ch
c 433	15.8	0.3	19	1	ADK80463	Human apolipoprote	c 506	15.8	0.3	21	1	ABZ75638	Template (CTGA)5-A
c 434	15.8	0.3	20	1	AAH15159	Probe for CDK41 ge	c 507	15.8	0.3	21	1	ADK80726	Porcine pUGES UP-
c 435	15.8	0.3	20	1	AAQ09171	Human MTS1 exon2 p	c 508	15.8	0.3	17	1	ABK00063	Human NOGO Hammarh
c 436	15.8	0.3	20	1	AAH16975	Human multiple tum	c 509	15.8	0.3	17	1	ABK00962	Human NOGO Inozyme
c 437	15.8	0.3	20	1	AAV53825	Nucleotide sequenc	c 510	15.4	0.3	17	1	ABK00963	Human NOGO Inozyme
c 438	15.8	0.3	20	1	AAV11244	Seg ID#8 from US57	c 511	15.4	0.3	17	1	ACG68083	Murine oligonucleo
c 439	15.8	0.3	20	1	AAV70589	PCR primer 42P use	c 512	15.4	0.3	17	1	ACG65135	Murine oligonucleo
c 440	15.8	0.3	20	1	AAH95641	Human MTS1 gene mu	c 513	15.4	0.3	17	1	ADK39787	Tumour suppression
c 441	15.8	0.3	20	1	AAZ48780	PCR primer for hum	c 514	15.4	0.3	17	1	ADK42797	Tumour suppression
c 442	15.8	0.3	20	1	AAZ39985	PCR primer for hum	c 515	15.4	0.3	17	1	ADK05333	Silkworm juvenile
c 443	15.8	0.3	20	1	AAH39359	Human MTS related	c 516	15.4	0.3	18	1	AAZ08552	Procollagen I reve
c 444	15.8	0.3	20	1	AAH11171	Human MTS1 gene ex	c 517	15.4	0.3	18	1	AAK41074	Human obesity-asso
c 445	15.8	0.3	20	1	AAZ55597	Canine IL-13 sense	518	15.4	0.3	18	1	ABZ77709	PCR primer used to
c 446	15.8	0.3	20	1	AAH90517	Oligonucleotide #8	519	15.4	0.3	19	1	ADK76576	Human apolipoprote
c 447	15.8	0.3	20	1	AAH41615	Hco7 mice CDNA hea	520	15.4	0.3	19	1	ADK79520	Human apolipoprote
c 448	15.8	0.3	20	1	AAH58177	Primer #7. Homo s	c 521	15.4	0.3	20	1	AAQ75326	Urease gene PCR pr
c 449	15.8	0.3	20	1	AAH02570	PCR primer #3 used	c 522	15.4	0.3	20	1	AAH45687	Helicobacter UreB
c 450	15.8	0.3	20	1	AAH29961	Mice of genotype H	c 523	15.4	0.3	20	1	AAH13146	PI3K antisense inh
c 451	15.8	0.3	20	1	AAH04699	Human multiple tum	524	15.4	0.3	20	1	AAZ28930	Forward primer aaz
c 452	15.8	0.3	20	1	AAH91454	Human inflammatory	c 525	15.4	0.3	20	1	AAZ71844	Human ballelic ma
c 453	15.8	0.3	20	1	AAH83077	Primer 42P for scr	c 526	15.4	0.3	20	1	ABK03737	Human RCOQ5 inhib
c 454	15.8	0.3	20	1	AAH37733	Crygs gene related	c 527	15.4	0.3	20	1	ADG70287	CLD8 exon 12 and
c 455	15.8	0.3	20	1	AAH45671	Mammary gland bior	528	15.4	0.3	20	1	ACG82889	Human TRIP6 antis
c 456	15.8	0.3	20	1	ABK68899	Human phosphorilas	c 529	15.4	0.3	20	1	ADH63356	Human glucocortic
c 457	15.8	0.3	20	1	ABQ74888	Mouse TNFR2 antis	c 530	15.4	0.3	20	1	ADH66905	Human glucocortic
c 458	15.8	0.3	20	1	ADG24459	Heavy chain variab	531	15.4	0.3	20	1	ADJ33055	Human endothelial
c 459	15.8	0.3	20	1	ADG24508	Humanized antibody	532	15.4	0.3	20	1	ADJ22915	Human endothelial
c 460	15.8	0.3	20	1	ABX13738	Synthetic linker s	533	15.4	0.3	20	1	ADK81043	Chimeric phosphoro
c 461	15.8	0.3	20	1	ABX17785	Mouse urokinase pl	534	15.4	0.3	20	1	ADK76762	Chimeric phosphoro
c 462	15.8	0.3	20	1	ABZ25516	Human MTS1 exon 2	c 535	15.4	0.3	20	1	ADN12104	Primer of the inve
c 463	15.8	0.3	20	1	ADH99980	Vitamin D nuclear	c 536	15.4	0.3	20	1	ADOS4095	Farnesoid X recept
c 464	15.8	0.3	20	1	ADH64089	Human CDK41' exon	c 537	15.4	0.3	20	1	ADOS3680	Farnesoid X recept
c 465	15.8	0.3	20	1	ADH83451	Human CDKN2A gene-	538	15.4	0.3	20	1	ADT01052	Novel mutant prote
c 466	15.8	0.3	20	1	ABZ87942	Human oligonucleot	539	15.2	0.3	20	1	ADH26724	Human PI3K regulat
c 467	15.8	0.3	20	1	ABZ90375	Human oligonucleot	c 540	15.2	0.3	20	1	ADH26792	Human PI3K regulat
c 468	15.8	0.3	20	1	ABZ89500	Human oligonucleot	541	15.2	0.3	20	1	ADL34613	ISIS antisense oli
c 469	15.8	0.3	20	1	ABZ94043	Human oligonucleot	c 542	15.2	0.3	20	1	ADL34661	Phosphoinositide-3
c 470	15.8	0.3	20	1	ABZ75637	Template (CTGA)5 f							
c 471	15.8	0.3	20	1	ABD24172	Human calmodulin 2							

C 253	20	0.4	20	1	ADL34628	ISIS antisense 011	C 326	19	0.4	19	1	ADH82257	Hepatitis C virus
C 254	20	0.4	20	1	ADL34635	ISIS antisense 011	C 327	19	0.4	19	1	ADH82261	Hepatitis C virus
C 255	20	0.4	20	1	ADL34650	Phosphonostitide-3	C 328	19	0.4	19	1	ADH82258	Hepatitis C virus
C 256	20	0.4	20	1	ADL34657	ISIS antisense 011	C 329	19	0.4	19	1	ADH82256	Hepatitis C virus
C 257	20	0.4	20	1	ADL34573	ISIS antisense 011	C 330	19	0.4	19	1	ADH82259	Hepatitis C virus
C 258	20	0.4	20	1	ADL34581	ISIS antisense 011	C 331	18.4	0.4	20	1	ADH82252	Primer for manipu
C 259	20	0.4	20	1	ADL34612	ISIS antisense 011	C 332	18.4	0.4	22	1	ACF79629	Thiopurine S-methy
C 260	20	0.4	20	1	ADL34644	Phosphonostitide-3	C 333	18.4	0.4	23	1	AAH75578	Human transcrip
C 261	20	0.4	20	1	ADL34658	Phosphonostitide-3	C 334	18.4	0.4	24	1	ADH826253	Rhodospiridium mut
C 262	20	0.4	20	1	ADL34674	Phosphonostitide-3	C 335	18.2	0.4	24	1	AAZ07017	Murine alpha-L-idu
C 263	20	0.4	20	1	ADL34568	ISIS antisense 011	C 336	18.2	0.4	24	1	ABQ78896	Human zinc finger
C 264	20	0.4	20	1	ADL34569	ISIS antisense 011	C 337	18.2	0.4	24	1	ABH79218	Human protein 14
C 265	20	0.4	20	1	ADL34570	ISIS antisense 011	C 338	18.2	0.4	24	1	ABH59876	Kringle protease reg
C 266	20	0.4	20	1	ADL34579	ISIS antisense 011	C 339	18.2	0.4	24	1	ADH81152	p10n protein poly
C 267	20	0.4	20	1	ADL34582	ISIS antisense 011	C 340	18	0.4	18	1	ADH82335	Rat KDR cytosolic
C 268	20	0.4	20	1	ADL34587	ISIS antisense 011	C 341	18	0.4	18	1	ADH57967	Nucleotide #4 for
C 269	20	0.4	20	1	ADL34609	ISIS antisense 011	C 342	18	0.4	22	1	AAH63751	PCR primer used to
C 270	20	0.4	20	1	ADL34615	ISIS antisense 011	C 343	17.8	0.4	21	1	ABH10153	Tail primer #146 f
C 271	20	0.4	20	1	ADL34619	ISIS antisense 011	C 344	17.8	0.4	22	1	ADH82218	Human Pdx-1 revers
C 272	20	0.4	20	1	ADL34641	ISIS antisense 011	C 345	17.4	0.3	19	1	AAH79932	Primer for rat cer
C 273	20	0.4	20	1	ADL34648	Phosphonostitide-3	C 346	17.4	0.3	19	1	AAH83687	cdk-we-hu ribozyme
C 274	20	0.4	20	1	ADL34673	Phosphonostitide-3	C 347	17.4	0.3	19	1	AAH88849	Cdk-we-hu ribozyme
C 275	20	0.4	20	1	ADL34685	Phosphonostitide-3	C 348	17.4	0.3	20	1	AAH51449	Primer #24 in inve
C 276	20	0.4	20	1	ADL34567	ISIS antisense 011	C 349	17.4	0.3	20	1	ADH18861	2'-MOE gapper anti
C 277	20	0.4	20	1	ADL34574	ISIS antisense 011	C 350	17.4	0.3	20	1	ADH33402	Antisense 2'-MOE g
C 278	20	0.4	20	1	ADL34584	ISIS antisense 011	C 351	17.4	0.3	21	1	ABH57072	Molecular beacon t
C 279	20	0.4	20	1	ADL34632	ISIS antisense 011	C 352	17.4	0.3	22	1	ADH42646	Acetylated aminopt
C 280	20	0.4	20	1	ADL34672	Phosphonostitide-3	C 353	17.4	0.3	23	1	AAQ92371	DNA primer. Synth
C 281	20	0.4	20	1	ADL34679	Phosphonostitide-3	C 354	17.4	0.3	23	1	AAH45460	PCR primer specif
C 282	20	0.4	20	1	ADL34688	Phosphonostitide-3	C 355	17.2	0.3	22	1	ADH70614	Human Vbeta gene r
C 283	20	0.4	20	1	ADL34696	Phosphonostitide-3	C 356	17.2	0.3	22	1	ADH16062	4 synthesis-period
C 284	20	0.4	20	1	ADL34701	Phosphonostitide-3	C 357	17.2	0.3	22	1	ADH32106	Hepatitis B virus
C 285	20	0.4	20	1	ADL34572	ISIS antisense 011	C 358	17.2	0.3	22	1	ADH67796	Hepatitis B virus
C 286	20	0.4	20	1	ADL34575	ISIS antisense 011	C 359	17	0.3	17	1	AAH66995	Vector-specific pr
C 287	20	0.4	20	1	ADL34604	ISIS antisense 011	C 360	17	0.3	17	1	AAH90091	Primer SK-Zap for
C 288	20	0.4	20	1	ADL34625	ISIS antisense 011	C 361	17	0.3	17	1	AAH77930	PCR primer used to
C 289	20	0.4	20	1	ADL34634	ISIS antisense 011	C 362	17	0.3	17	1	AAH12632	T3 PCR primer for
C 290	20	0.4	20	1	ADL34653	Phosphonostitide-3	C 363	17	0.3	17	1	AAH25659	Mch6 cloning prime
C 291	20	0.4	20	1	ADL34670	Phosphonostitide-3	C 364	17	0.3	17	1	AAH25194	Primer for DNA enc
C 292	20	0.4	20	1	ADL34678	Phosphonostitide-3	C 365	17	0.3	17	1	ADH52073	Mammalian ced-3 ho
C 293	20	0.4	20	1	ADL34698	Phosphonostitide-3	C 366	17	0.3	19	1	ADH81681	Hepatitis C virus
C 294	20	0.4	20	1	ADL34565	ISIS antisense 011	C 367	17	0.3	20	1	AAH18426	Primer for amplif
C 295	20	0.4	20	1	ADL34578	ISIS antisense 011	C 368	17	0.3	20	1	AAH20641	Human telomeric re
C 296	20	0.4	20	1	ADL34580	ISIS antisense 011	C 369	17	0.3	22	1	AAH45219	P21 promoter, olig
C 297	20	0.4	20	1	ADL34642	ISIS antisense 011	C 370	16.8	0.3	20	1	ADH26737	Human p13k regulat
C 298	20	0.4	20	1	ADL34645	Phosphonostitide-3	C 371	16.8	0.3	20	1	ADH34626	ISIS antisense 011
C 299	20	0.4	20	1	ADL34668	Phosphonostitide-3	C 372	16.8	0.3	20	1	AAH34677	Human JAGGED1 gene
C 300	20	0.4	20	1	ADL34676	Phosphonostitide-3	C 373	16.8	0.3	20	1	AAH32481	1,5-anhydroglucito
C 301	20	0.4	20	1	ADL34690	Phosphonostitide-3	C 374	16.8	0.3	20	1	AAH31180	Negative control p
C 302	20	0.4	20	1	ADL34692	Phosphonostitide-3	C 375	16.8	0.3	20	1	ADH22895	Human endocytial
C 303	20	0.4	20	1	ADL34566	ISIS antisense 011	C 376	16.8	0.3	20	1	ADH80790	Chimeric phosphor
C 304	20	0.4	20	1	ADL34631	ISIS antisense 011	C 377	16.8	0.3	20	1	ADH59618	Human ESM-1 antise
C 305	20	0.4	20	1	ADL34655	Phosphonostitide-3	C 378	16.8	0.3	20	1	ADH59444	Human ESM-1 antise
C 306	20	0.4	20	1	ADL34661	Phosphonostitide-3	C 379	16.8	0.3	20	1	ADH59682	Human ESM-1 antise
C 307	20	0.4	20	1	ADL34665	Phosphonostitide-3	C 380	16.8	0.3	21	1	AAH11777	VIDIR gene, single
C 308	20	0.4	20	1	ADL34683	Phosphonostitide-3	C 381	16.8	0.3	21	1	AAH57852	TCRB metalloprot
C 309	20	0.4	20	1	ADH69805	Micro-channel mole	C 382	16.8	0.3	21	1	ADH84102	TCRB tubes A and B
C 310	20	0.4	20	1	AAH08666	Primer used for su	C 383	16.8	0.3	21	1	AAH09421	Mouse VEGF reverse
C 311	20	0.4	20	1	AAH73394	Grand fir monotepr	C 384	16.8	0.3	22	1	AAH78859	PCR primer H used
C 312	20	0.4	20	1	ADH65560	A goseypyl ribofla	C 385	16.8	0.3	22	1	AAH80013	B. thuringiensis c
C 313	20	0.4	20	1	ADH15557	Hantaan hantavirus	C 386	16.8	0.3	22	1	AAH08162	B. thuringiensis c
C 314	19.6	0.4	24	1	AAH047178	MHC DR A intron bl	C 387	16.8	0.3	22	1	AAH44228	PCR primer H used
C 315	19.4	0.4	24	1	ABH01951	Human TNF receptor	C 388	16.8	0.3	22	1	ABH70792	B. thuringiensis c
C 316	19.2	0.4	24	1	AAH98935	Immunostimulatory	C 389	16.8	0.3	22	1	ABH59886	PCR primer H used
C 317	19.2	0.4	24	1	ABH79576	Angiogenesis inhib	C 390	16.8	0.3	22	1	AAH64016	PCR primer H used
C 318	19.2	0.4	24	1	ACD99368	Immunostimulatory	C 391	16.8	0.3	22	1	ACF42669	Human ALMS1 PCR pr
C 319	19.2	0.4	24	1	ADH56437	Immunostimulatory	C 392	16.8	0.3	22	1	ADH104018	Bovine GHR exon am
C 320	19.2	0.4	24	1	ADH56001	Non-CpG DNA oligon	C 393	16.8	0.3	18	1	ADH06768	4 synthesis-period
C 321	19.2	0.4	24	1	ADH76035	Non-CpG DNA oligon	C 394	16.4	0.3	18	1	ADH06310	Human PCR primer S
C 322	19.2	0.4	25	1	ACI76263	Human microarray D	C 395	16.4	0.3	19	1	AAH33800	S. aureus coding s
C 323	19.2	0.4	25	1	ACI76262	Human microarray D	C 396	16.4	0.3	20	1	AAH76854	PCR primer for Cio
C 324	19	0.4	19	1	ADH57809	Tobacco plant PCR	C 397	16.4	0.3	20	1	ABQ74807	Human TNFR2 antise
C 325	19	0.4	19	1	ADH82260	Hepatitis C virus	C 398	16.4	0.3	20	1	ABH85728	Human oligonucleot

107	20	0.4	20	1	ADH26758	Human PI3K regulat	180	20	0.4	20	1	ADL34659	Phosphoinositide-3
108	20	0.4	20	1	ADH26762	Human PI3K regulat	181	20	0.4	20	1	ADL34660	Phosphoinositide-3
109	20	0.4	20	1	ADH26766	Human PI3K regulat	182	20	0.4	20	1	ADL34677	Phosphoinositide-3
110	20	0.4	20	1	ADH26773	Human PI3K regulat	183	20	0.4	20	1	ADL34700	Phosphoinositide-3
111	20	0.4	20	1	ADH26781	Human PI3K regulat	184	20	0.4	20	1	ADL34602	ISIS antisense oli
112	20	0.4	20	1	ADH26796	Human PI3K regulat	185	20	0.4	20	1	ADL34605	ISIS antisense oli
113	20	0.4	20	1	ADH26800	Human PI3K regulat	186	20	0.4	20	1	ADL34651	Phosphoinositide-3
114	20	0.4	20	1	ADH26809	Human PI3K regulat	187	20	0.4	20	1	ADL34671	Phosphoinositide-3
115	20	0.4	20	1	ADH26696	Human PI3K regulat	188	20	0.4	20	1	ADL34699	Phosphoinositide-3
116	20	0.4	20	1	ADH26697	Human PI3K regulat	189	20	0.4	20	1	ADL34576	ISIS antisense oli
117	20	0.4	20	1	ADH26706	Human PI3K regulat	190	20	0.4	20	1	ADL34598	ISIS antisense oli
118	20	0.4	20	1	ADH26720	Human PI3K regulat	191	20	0.4	20	1	ADL34607	ISIS antisense oli
119	20	0.4	20	1	ADH26750	Human PI3K regulat	192	20	0.4	20	1	ADL34614	ISIS antisense oli
120	20	0.4	20	1	ADH26753	Human PI3K regulat	193	20	0.4	20	1	ADL34616	ISIS antisense oli
121	20	0.4	20	1	ADH26788	Human PI3K regulat	194	20	0.4	20	1	ADL34630	ISIS antisense oli
122	20	0.4	20	1	ADH26789	Human PI3K regulat	195	20	0.4	20	1	ADL34640	ISIS antisense oli
123	20	0.4	20	1	ADH26802	Human PI3K regulat	196	20	0.4	20	1	ADL34649	Phosphoinositide-3
124	20	0.4	20	1	ADH26689	Human PI3K regulat	197	20	0.4	20	1	ADL34669	Phosphoinositide-3
125	20	0.4	20	1	ADH26721	Human PI3K regulat	198	20	0.4	20	1	ADL34687	Phosphoinositide-3
126	20	0.4	20	1	ADH26736	Human PI3K regulat	199	20	0.4	20	1	ADL34571	ISIS antisense oli
127	20	0.4	20	1	ADH26765	Human PI3K regulat	200	20	0.4	20	1	ADL34593	ISIS antisense oli
128	20	0.4	20	1	ADH26770	Human PI3K regulat	201	20	0.4	20	1	ADL34597	ISIS antisense oli
129	20	0.4	20	1	ADH26774	Human PI3K regulat	202	20	0.4	20	1	ADL34613	ISIS antisense oli
130	20	0.4	20	1	ADH26778	Human PI3K regulat	203	20	0.4	20	1	ADL34621	ISIS antisense oli
131	20	0.4	20	1	ADH26782	Human PI3K regulat	204	20	0.4	20	1	ADL34652	Phosphoinositide-3
132	20	0.4	20	1	ADH26785	Human PI3K regulat	205	20	0.4	20	1	ADL34664	Phosphoinositide-3
133	20	0.4	20	1	ADH26799	Human PI3K regulat	206	20	0.4	20	1	ADL34682	Phosphoinositide-3
134	20	0.4	20	1	ADH26801	Human PI3K regulat	207	20	0.4	20	1	ADL34684	Phosphoinositide-3
135	20	0.4	20	1	ADH26803	Human PI3K regulat	208	20	0.4	20	1	ADL34608	ISIS antisense oli
136	20	0.4	20	1	ADH26686	Human PI3K regulat	209	20	0.4	20	1	ADL34618	ISIS antisense oli
137	20	0.4	20	1	ADH26687	Human PI3K regulat	210	20	0.4	20	1	ADL34626	ISIS antisense oli
138	20	0.4	20	1	ADH26699	Human PI3K regulat	211	20	0.4	20	1	ADL34633	ISIS antisense oli
139	20	0.4	20	1	ADH26705	Human PI3K regulat	212	20	0.4	20	1	ADL34647	Phosphoinositide-3
140	20	0.4	20	1	ADH26711	Human PI3K regulat	213	20	0.4	20	1	ADL34577	ISIS antisense oli
141	20	0.4	20	1	ADH26714	Human PI3K regulat	214	20	0.4	20	1	ADL34583	ISIS antisense oli
142	20	0.4	20	1	ADH26763	Human PI3K regulat	215	20	0.4	20	1	ADL34592	ISIS antisense oli
143	20	0.4	20	1	ADH26783	Human PI3K regulat	216	20	0.4	20	1	ADL34595	ISIS antisense oli
144	20	0.4	20	1	ADH26786	Human PI3K regulat	217	20	0.4	20	1	ADL34600	ISIS antisense oli
145	20	0.4	20	1	ADH26792	Human PI3K regulat	218	20	0.4	20	1	ADL34617	ISIS antisense oli
146	20	0.4	20	1	ADH26810	Human PI3K regulat	219	20	0.4	20	1	ADL34620	ISIS antisense oli
147	20	0.4	20	1	ADH26812	Human PI3K regulat	220	20	0.4	20	1	ADL34623	ISIS antisense oli
148	20	0.4	20	1	ADH26677	Human PI3K regulat	221	20	0.4	20	1	ADL34629	ISIS antisense oli
149	20	0.4	20	1	ADH26694	Human PI3K regulat	222	20	0.4	20	1	ADL34663	Phosphoinositide-3
150	20	0.4	20	1	ADH26712	Human PI3K regulat	223	20	0.4	20	1	ADL34666	Phosphoinositide-3
151	20	0.4	20	1	ADH26714	Human PI3K regulat	224	20	0.4	20	1	ADL34675	Phosphoinositide-3
152	20	0.4	20	1	ADH26718	Human PI3K regulat	225	20	0.4	20	1	ADL34681	Phosphoinositide-3
153	20	0.4	20	1	ADH26722	Human PI3K regulat	226	20	0.4	20	1	ADL34686	Phosphoinositide-3
154	20	0.4	20	1	ADH26767	Human PI3K regulat	227	20	0.4	20	1	ADL34694	Phosphoinositide-3
155	20	0.4	20	1	ADH26777	Human PI3K regulat	228	20	0.4	20	1	ADL34586	ISIS antisense oli
156	20	0.4	20	1	ADH26702	Human PI3K regulat	229	20	0.4	20	1	ADL34589	ISIS antisense oli
157	20	0.4	20	1	ADH26719	Human PI3K regulat	230	20	0.4	20	1	ADL34601	ISIS antisense oli
158	20	0.4	20	1	ADH26725	Human PI3K regulat	231	20	0.4	20	1	ADL34624	ISIS antisense oli
159	20	0.4	20	1	ADH26731	Human PI3K regulat	232	20	0.4	20	1	ADL34636	ISIS antisense oli
160	20	0.4	20	1	ADH26740	Human PI3K regulat	233	20	0.4	20	1	ADL34689	ISIS antisense oli
161	20	0.4	20	1	ADH26746	Human PI3K regulat	234	20	0.4	20	1	ADL34693	ISIS antisense oli
162	20	0.4	20	1	ADH26755	Human PI3K regulat	235	20	0.4	20	1	ADL34591	ISIS antisense oli
163	20	0.4	20	1	ADH26772	Human PI3K regulat	236	20	0.4	20	1	ADL34596	ISIS antisense oli
164	20	0.4	20	1	ADH26776	Human PI3K regulat	237	20	0.4	20	1	ADL34594	ISIS antisense oli
165	20	0.4	20	1	ADH26680	Human PI3K regulat	238	20	0.4	20	1	ADL34606	ISIS antisense oli
166	20	0.4	20	1	ADH26685	Human PI3K regulat	239	20	0.4	20	1	ADL34611	ISIS antisense oli
167	20	0.4	20	1	ADH26698	Human PI3K regulat	240	20	0.4	20	1	ADL34622	ISIS antisense oli
168	20	0.4	20	1	ADH26728	Human PI3K regulat	241	20	0.4	20	1	ADL34657	Phosphoinositide-3
169	20	0.4	20	1	ADH26738	Human PI3K regulat	242	20	0.4	20	1	ADL34662	Phosphoinositide-3
170	20	0.4	20	1	ADH26787	Human PI3K regulat	243	20	0.4	20	1	ADL34680	Phosphoinositide-3
171	20	0.4	20	1	ADH26809	Human PI3K regulat	244	20	0.4	20	1	ADL34691	Phosphoinositide-3
172	20	0.4	20	1	ADL34585	ISIS antisense oli	245	20	0.4	20	1	ADL34588	ISIS antisense oli
173	20	0.4	20	1	ADL34593	ISIS antisense oli	246	20	0.4	20	1	ADL34639	ISIS antisense oli
174	20	0.4	20	1	ADL34603	ISIS antisense oli	247	20	0.4	20	1	ADL34643	Phosphoinositide-3
175	20	0.4	20	1	ADL34610	ISIS antisense oli	248	20	0.4	20	1	ADL34646	Phosphoinositide-3
176	20	0.4	20	1	ADL34637	ISIS antisense oli	249	20	0.4	20	1	ADL34695	Phosphoinositide-3
177	20	0.4	20	1	ADL34658	ISIS antisense oli	250	20	0.4	20	1	ADL34697	Phosphoinositide-3
178	20	0.4	20	1	ADL34654	Phosphoinositide-3	251	20	0.4	20	1	ADL34590	ISIS antisense oli
179	20	0.4	20	1	ADL34656	Phosphoinositide-3	252	20	0.4	20	1	ADL34627	ISIS antisense oli

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OM nucleic - nucleic search, using sw model

Run on: August 18, 2005, 08:36:54 ; Search time 32 Seconds
(without alignments)
3.559 Million cell updates/sec

Title: US-10-667-022-4

Perfect score: 5085
Sequence: 1 ggatcccccggctgcagga.....tcgagggggggcccggtacc 5085.

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 536 seqs, 11197 residues

Total number of hits satisfying chosen parameters: 1072

Minimum DB seq length: 8
Maximum DB seq length: 80

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 542 summaries

Database : fetch4rng.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query %	Match Length	ID	Description
1	60	1.2	60	1	ABN37885
2	44	0.9	54	1	ACN54858
3	41.2	0.8	51	1	ACN52123
4	41.2	0.8	51	1	ACN51219
5	40.6	0.8	50	1	AD574280
6	40.6	0.8	50	1	AD574279
7	37.8	0.7	50	1	ADR18577
8	33.8	0.7	43	1	AD197735
9	33.2	0.7	40	1	AAQ36506
10	27.6	0.5	35	1	AAT93816
11	27	0.5	35	1	AAT93815
12	27	0.5	35	1	AAT93823
13	26	0.5	26	1	ADH26672
14	26	0.5	26	1	ADL34561
15	26	0.5	34	1	AAC90605
16	25.4	0.5	27	1	ADR48246
17	24	0.5	24	1	ADR48249
18	24	0.5	24	1	ADR48249
19	24	0.5	30	1	AAT68809
20	23	0.5	23	1	ADH26671
21	23	0.5	23	1	ADH26670
22	23	0.5	23	1	ADL34560
23	23	0.5	23	1	ADL34559
24	22	0.4	25	1	ADR44220
25	22	0.4	21	1	AAV03154
26	21	0.4	24	1	AAV60992
27	21	0.4	24	1	ABA02435
28	21	0.4	24	1	ABA95961
29	21	0.4	24	1	ABZ57354
30	21	0.4	24	1	ADR44221
31	20.4	0.4	24	1	ABA95469
32	20.4	0.4	22	1	AD513095
33	20	0.4	20	1	AAV76082

34	20	0.4	20	1	AAV76469	Maize ZmMADS2 codi
35	20	0.4	20	1	ADH26676	Human PI3K regulat
36	20	0.4	20	1	ADH26709	Human PI3K regulat
37	20	0.4	20	1	ADH26726	Human PI3K regulat
38	20	0.4	20	1	ADH26733	Human PI3K regulat
39	20	0.4	20	1	ADH26739	Human PI3K regulat
40	20	0.4	20	1	ADH26749	Human PI3K regulat
41	20	0.4	20	1	ADH26756	Human PI3K regulat
42	20	0.4	20	1	ADH26678	Human PI3K regulat
43	20	0.4	20	1	ADH26681	Human PI3K regulat
44	20	0.4	20	1	ADH26701	Human PI3K regulat
45	20	0.4	20	1	ADH26717	Human PI3K regulat
46	20	0.4	20	1	ADH26741	Human PI3K regulat
47	20	0.4	20	1	ADH26748	Human PI3K regulat
48	20	0.4	20	1	ADH26752	Human PI3K regulat
49	20	0.4	20	1	ADH26754	Human PI3K regulat
50	20	0.4	20	1	ADH26764	Human PI3K regulat
51	20	0.4	20	1	ADH26775	Human PI3K regulat
52	20	0.4	20	1	ADH26797	Human PI3K regulat
53	20	0.4	20	1	ADH26811	Human PI3K regulat
54	20	0.4	20	1	ADH26695	Human PI3K regulat
55	20	0.4	20	1	ADH26735	Human PI3K regulat
56	20	0.4	20	1	ADH26794	Human PI3K regulat
57	20	0.4	20	1	ADH26683	Human PI3K regulat
58	20	0.4	20	1	ADH26704	Human PI3K regulat
59	20	0.4	20	1	ADH26743	Human PI3K regulat
60	20	0.4	20	1	ADH26747	Human PI3K regulat
61	20	0.4	20	1	ADH26760	Human PI3K regulat
62	20	0.4	20	1	ADH26780	Human PI3K regulat
63	20	0.4	20	1	ADH26790	Human PI3K regulat
64	20	0.4	20	1	ADH26805	Human PI3K regulat
65	20	0.4	20	1	ADH26882	Human PI3K regulat
66	20	0.4	20	1	ADH26707	Human PI3K regulat
67	20	0.4	20	1	ADH26723	Human PI3K regulat
68	20	0.4	20	1	ADH26727	Human PI3K regulat
69	20	0.4	20	1	ADH26732	Human PI3K regulat
70	20	0.4	20	1	ADH26737	Human PI3K regulat
71	20	0.4	20	1	ADH26744	Human PI3K regulat
72	20	0.4	20	1	ADH26768	Human PI3K regulat
73	20	0.4	20	1	ADH26779	Human PI3K regulat
74	20	0.4	20	1	ADH26791	Human PI3K regulat
75	20	0.4	20	1	ADH26793	Human PI3K regulat
76	20	0.4	20	1	ADH26798	Human PI3K regulat
77	20	0.4	20	1	ADH26742	Human PI3K regulat
78	20	0.4	20	1	ADH26761	Human PI3K regulat
79	20	0.4	20	1	ADH26692	Human PI3K regulat
80	20	0.4	20	1	ADH26703	Human PI3K regulat
81	20	0.4	20	1	ADH26715	Human PI3K regulat
82	20	0.4	20	1	ADH26716	Human PI3K regulat
83	20	0.4	20	1	ADH26771	Human PI3K regulat
84	20	0.4	20	1	ADH26795	Human PI3K regulat
85	20	0.4	20	1	ADH26690	Human PI3K regulat
86	20	0.4	20	1	ADH26708	Human PI3K regulat
87	20	0.4	20	1	ADH26710	Human PI3K regulat
88	20	0.4	20	1	ADH26734	Human PI3K regulat
89	20	0.4	20	1	ADH26757	Human PI3K regulat
90	20	0.4	20	1	ADH26807	Human PI3K regulat
91	20	0.4	20	1	ADH26729	Human PI3K regulat
92	20	0.4	20	1	ADH26745	Human PI3K regulat
93	20	0.4	20	1	ADH26759	Human PI3K regulat
94	20	0.4	20	1	ADH26769	Human PI3K regulat
95	20	0.4	20	1	ADH26784	Human PI3K regulat
96	20	0.4	20	1	ADH26804	Human PI3K regulat
97	20	0.4	20	1	ADH26806	Human PI3K regulat
98	20	0.4	20	1	ADH26808	Human PI3K regulat
99	20	0.4	20	1	ADH26884	Human PI3K regulat
100	20	0.4	20	1	ADH26888	Human PI3K regulat
101	20	0.4	20	1	ADH26691	Human PI3K regulat
102	20	0.4	20	1	ADH26693	Human PI3K regulat
103	20	0.4	20	1	ADH26713	Human PI3K regulat
104	20	0.4	20	1	ADH26724	Human PI3K regulat
105	20	0.4	20	1	ADH26730	Human PI3K regulat
106	20	0.4	20	1	ADH26751	Human PI3K regulat

ALIGNMENTS

1.28; Score 60; DB 1; Length 60;

RESULT 4

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OM nucleic - nucleic search, using sw model

Run on: August 18, 2005, 08:32:01 ; Search time 9 Seconds
(without alignments)
3.614 Million cell updates/sec

Title: US-10-667-022-4

Perfect score: 5085
Sequence: 1 ggaaccccgagcgtgagga.....tcgagggggggcccggtacc 5085

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 150 seqs, 3198 residues

Total number of hits satisfying chosen parameters: 300

Minimum DB seq length: 8
Maximum DB seq length: 80

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 150 summaries

Database : fetcharge.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	60	1.2	60	1 CQ540998	ACCESSION:CQ540998
2	40.6	0.8	50	1 CQ878333	ACCESSION:CQ878333
3	40.6	0.8	50	1 CQ878334	ACCESSION:CQ878334
4	33.2	0.7	40	1 AR014711	ACCESSION:AR014711
5	33.2	0.7	40	1 I55635	ACCESSION:I55635
6	30	0.6	30	1 AR541545	ACCESSION:AR541545
7	30	0.6	30	1 AR541546	ACCESSION:AR541546
8	27.6	0.5	35	1 A63566	ACCESSION:A63566
9	27.6	0.5	35	1 A63565	ACCESSION:A63565
10	27.6	0.5	35	1 A63574	ACCESSION:A63574
11	27.6	0.5	35	1 AR559409	ACCESSION:AR559409
12	21	0.4	21	1 E13974	ACCESSION:E13974
13	21	0.4	21	1 E14908	ACCESSION:E14908
14	21	0.4	21	1 E64706	ACCESSION:E64706
15	21	0.4	21	1 AR559758	ACCESSION:AR559758
16	21	0.4	21	1 AR57299	ACCESSION:AR57299
17	21	0.4	21	1 BD057377	ACCESSION:BD057377
18	20	0.4	20	1 AR532682	ACCESSION:AR532682
19	20	0.4	20	1 AR559396	ACCESSION:AR559396
20	20	0.4	20	1 AR559411	ACCESSION:AR559411
21	20	0.4	20	1 AR561993	ACCESSION:AR561993
22	20	0.4	20	1 AR565165	ACCESSION:AR565165
23	20	0.4	20	1 AX085176	ACCESSION:AX085176
24	20	0.4	20	1 AX085373	ACCESSION:AX085373
25	20	0.4	21	1 AR222119	ACCESSION:AR222119
26	20	0.4	24	1 CQ855140	ACCESSION:CQ855140
27	19.2	0.4	24	1 AX103868	ACCESSION:AX103868
28	19.2	0.4	24	1 AX546921	ACCESSION:AX546921
29	19	0.4	19	1 CQ817044	ACCESSION:CQ817044
30	19	0.4	19	1 AR541350	ACCESSION:AR541350
31	19	0.4	19	1 AR541351	ACCESSION:AR541351
32	19	0.4	19	1 AR541352	ACCESSION:AR541352
33	19	0.4	19	1 AR541353	ACCESSION:AR541353

C 34	19	0.4	19	1 AR541361	ACCESSION:AR541361
C 35	19	0.4	20	1 AR562157	ACCESSION:AR562157
C 36	18.8	0.4	25	1 AR239256	ACCESSION:AR239256
C 37	18.8	0.4	25	1 AX279058	ACCESSION:AX279058
C 38	18.4	0.4	20	1 A52122	ACCESSION:A52122
C 39	18.4	0.4	20	1 AR068314	ACCESSION:AR068314
C 40	18.4	0.4	22	1 AX815621	ACCESSION:AX815621
C 41	18.4	0.4	22	1 AX815622	ACCESSION:AX815622
C 42	18.2	0.4	19	1 AR528447	ACCESSION:AR528447
C 43	18	0.4	20	1 SSAN777	ACCESSION:SSAN777
C 44	18	0.4	20	1 AR562156	ACCESSION:AR562156
C 45	18	0.4	20	1 AR562158	ACCESSION:AR562158
C 46	17.4	0.3	19	1 AR072061	ACCESSION:AR072061
C 47	17.4	0.3	19	1 AX130055	ACCESSION:AX130055
C 48	17.4	0.3	21	1 AX498248	ACCESSION:AX498248
C 49	17	0.3	17	1 AR067856	ACCESSION:AR067856
C 50	17	0.3	17	1 AR164207	ACCESSION:AR164207
C 51	17	0.3	17	1 AR164645	ACCESSION:AR164645
C 52	17	0.3	17	1 AR168088	ACCESSION:AR168088
C 53	17	0.3	17	1 AR232188	ACCESSION:AR232188
C 54	17	0.3	17	1 AR236040	ACCESSION:AR236040
C 55	17	0.3	17	1 AR337628	ACCESSION:AR337628
C 56	17	0.3	17	1 AR473351	ACCESSION:AR473351
C 57	17	0.3	17	1 AR492475	ACCESSION:AR492475
C 58	17	0.3	17	1 AR533532	ACCESSION:AR533532
C 59	17	0.3	20	1 AR024174	ACCESSION:AR024174
C 60	17	0.3	20	1 AR060565	ACCESSION:AR060565
C 61	17	0.3	20	1 I54907	ACCESSION:I54907
C 62	17	0.3	20	1 AR370189	ACCESSION:AR370189
C 63	16.8	0.3	20	1 AR336554	ACCESSION:AR336554
C 64	16.8	0.3	20	1 B60050	ACCESSION:B60050
C 65	16.8	0.3	20	1 AR482351	ACCESSION:AR482351
C 66	16.8	0.3	21	1 CQ801070	ACCESSION:CQ801070
C 67	16.8	0.3	22	1 AR120179	ACCESSION:AR120179
C 68	16.8	0.3	22	1 AR126177	ACCESSION:AR126177
C 69	16.8	0.3	22	1 AR177993	ACCESSION:AR177993
C 70	16.8	0.3	22	1 AR220297	ACCESSION:AR220297
C 71	16.8	0.3	22	1 AX751620	ACCESSION:AX751620
C 72	16.8	0.3	22	1 BD063767	ACCESSION:BD063767
C 73	16.4	0.3	18	1 AX837871	ACCESSION:AX837871
C 74	16.4	0.3	19	1 AR179243	ACCESSION:AR179243
C 75	16.4	0.3	19	1 BD078905	ACCESSION:BD078905
C 76	16.4	0.3	20	1 A95627	ACCESSION:A95627
C 77	16.4	0.3	20	1 AR215742	ACCESSION:AR215742
C 78	16.4	0.3	20	1 AR429226	ACCESSION:AR429226
C 79	16.4	0.3	20	1 BD091431	ACCESSION:BD091431
C 80	16.4	0.3	21	1 AX247921	ACCESSION:AX247921
C 81	16.4	0.3	21	1 AX675429	ACCESSION:AX675429
C 82	16.2	0.3	21	1 CQ881300	ACCESSION:CQ881300
C 83	16.2	0.3	21	1 AX937073	ACCESSION:AX937073
C 84	16.2	0.3	21	1 AR591931	ACCESSION:AR591931
C 85	16	0.3	16	1 AR561628	ACCESSION:AR561628
C 86	16	0.3	16	1 AR561693	ACCESSION:AR561693
C 87	16	0.3	17	1 AX215201	ACCESSION:AX215201
C 88	16	0.3	17	1 AX757347	ACCESSION:AX757347
C 89	16	0.3	17	1 AX762159	ACCESSION:AX762159
C 90	16	0.3	20	1 AR148114	ACCESSION:AR148114
C 91	16	0.3	21	1 AR173949	ACCESSION:AR173949
C 92	16	0.3	21	1 AR173955	ACCESSION:AR173955
C 93	16	0.3	21	1 BD271297	ACCESSION:BD271297
C 94	16	0.3	21	1 BD271303	ACCESSION:BD271303
C 95	16	0.3	21	1 AX154243	ACCESSION:AX154243
C 96	15.8	0.3	19	1 I95654	ACCESSION:I95654
C 97	15.8	0.3	19	1 AR292422	ACCESSION:AR292422
C 98	15.8	0.3	20	1 AR001320	ACCESSION:AR001320
C 99	15.8	0.3	20	1 AR037500	ACCESSION:AR037500
C 100	15.8	0.3	20	1 AR062780	ACCESSION:AR062780
C 101	15.8	0.3	20	1 AR087858	ACCESSION:AR087858
C 102	15.8	0.3	20	1 AR091328	ACCESSION:AR091328
C 103	15.8	0.3	20	1 AR118034	ACCESSION:AR118034
C 104	15.8	0.3	20	1 AR127753	ACCESSION:AR127753
C 105	15.8	0.3	20	1 AR144920	ACCESSION:AR144920
C 106	15.8	0.3	20	1 AR145921	ACCESSION:AR145921

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OM nucleic - nucleic search, using sw model

Run on: August 18, 2005, 09:13:44 ; Search time 5 Seconds
(without alignments)
3.936 Million cell updates/sec

Title: US-10-667-022-4

Perfect score: 5085
Sequence: 1 ggaatccccgggctgcagga.....tcgagggggggcccgatcc 5085

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 0.5

Searched: 58 seqs, 1935 residues

Total number of hits satisfying chosen parameters: 116

Minimum DB seq length: 8

Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 58 summaries

Database: fetchatrst.seq*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	44.4	0.9	56	1	ACCESSION:CV058129
2	42	0.8	53	1	CV065817
3	41.4	0.8	45	1	CV066098
4	41.4	0.8	46	1	CV059173
5	41.4	0.8	48	1	CV064988
6	41	0.8	54	1	CV057724
7	41	0.8	54	1	CV07126
8	40.4	0.8	46	1	CV061744
9	39.8	0.8	46	1	CV063340
10	39.6	0.8	51	1	CV059332
11	39.4	0.8	43	1	CV062138
12	38.4	0.8	42	1	CV062024
13	36.6	0.7	47	1	CV060361
14	36.6	0.7	47	1	CV060559
15	35.6	0.7	44	1	CV060847
16	35.6	0.7	47	1	CV055836
17	35.6	0.7	47	1	CV061673
18	34.8	0.7	43	1	CV066153
19	34.4	0.7	38	1	CV064759
20	34.4	0.7	40	1	CR762707
21	33.6	0.7	42	1	CV0509301
22	33.4	0.7	40	1	CV064457
23	32.8	0.6	41	1	CV054826
24	32.4	0.6	36	1	CV066718
25	31.4	0.6	35	1	CV066327
26	30.4	0.6	36	1	CV091545
27	30.4	0.6	30	1	CV055204
28	29.8	0.6	35	1	CV0620481
29	29.4	0.6	31	1	CV064432
30	27	0.5	28	1	CV057897
31	27	0.5	28	1	CP305592
32	25	0.5	33	1	R38731
33	24.8	0.5	31	1	CV066570

34	24.6	0.5	31	1	A1153615	ACCESSION:A1153615
35	24.4	0.5	31	1	BM588370	ACCESSION:BM588370
36	22.8	0.4	26	1	CM020478	ACCESSION:CM020478
37	22.8	0.4	28	1	CV091538	ACCESSION:CV091538
38	21.4	0.4	28	1	CV055010	ACCESSION:CV055010
39	20	0.4	20	1	CP305590	ACCESSION:CP305590
40	19.4	0.4	23	1	CV064628	ACCESSION:CV064628
41	19.4	0.4	23	1	CV066488	ACCESSION:CV066488
42	19.2	0.4	24	1	AZ308225	ACCESSION:AZ308225
43	19.2	0.4	24	1	AZ814559	ACCESSION:AZ814559
44	19.2	0.4	24	1	TA250805P	ACCESSION:TA250805P
45	18.8	0.4	24	1	A2827015	ACCESSION:A2827015
46	18	0.4	19	1	CF306449	ACCESSION:CF306449
47	17.8	0.4	21	1	AZ597932	ACCESSION:AZ597932
48	17	0.3	19	1	CF303019	ACCESSION:CF303019
49	17	0.3	19	1	CO578459	ACCESSION:CO578459
50	16.4	0.3	18	1	AJ725584	ACCESSION:AJ725584
51	16.4	0.3	18	1	CR786637	ACCESSION:CR786637
52	16	0.3	16	1	AJ679356	ACCESSION:AJ679356
53	16	0.3	16	1	CR786853	ACCESSION:CR786853
54	16	0.3	17	1	BM398023	ACCESSION:BM398023
55	16	0.3	17	1	BM398024	ACCESSION:BM398024
56	16	0.3	17	1	BM39768	ACCESSION:BM39768
57	16	0.3	20	1	CF307519	ACCESSION:CF307519
58	16	0.3	20	1	CF326591	ACCESSION:CF326591

ALIGNMENTS

RESULT 1
CV058129/c 56 bp mRNA linear EST 24-AUG-2004
BME134f4 Barley EST endosperm library Hordeum vulgare subsp.
vulgare cDNA clone BME134f4 5' similar to Unknown Function, mRNA
sequence.

ACCESSION
CV058129
VERSION
CV058129.1
KEYWORDS
GI:51521268

SOURCE
ORGANISM
Hordeum vulgare subsp. vulgare

Hordeum vulgare subsp. vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Poideae; Triticeae; Hordeum.
1 (bases 1 to 56)

REFERENCE
Allis, Holloway, B. and Taylor, W.C.
Normalisation of cereal endosperm EST libraries for structural and
functional genomic analysis

TITLE
JOURNAL
Contact: Bill Taylor
Plant Mol. Biol. Rep. 18, 123-132 (2000)

COMMENT
Commonwealth Scientific and Industrial Research Organisation
Division of Plant Industry.
CSIRO Plant Industry, GPO Box 1600, Canberra, ACT 2601, Australia
Tel: 61 2 6246 5223
Fax: 61 2 6246 5000
Email: Bill.Taylor@csiro.au

Seg primer: M13 reverse primer
High quality sequence scop: 56.

Location/Qualifiers
1..56

FEATURES
source

/organism="Hordeum vulgare subsp. vulgare"
/mol_type="mRNA"
/cultivar="Himalaya"
/sub_species="vulgare"
/db_xref="taxon:112509"
/clone="BME134f4"
/tissue_type="endosperm"
/dev_stage="developing endosperm tissue 10, 12, 15 dpa
(day post anthesis)"
/lab_host="DH10B (Life Technology)"
/clone_lib="Barley EST endosperm library"
/note="Vector: Ziplox; Site 1: Sal I; Site 2: Not I; mRNA
was prepared from endosperm tissues of the Barley cultivar

SCORE OVER LENGTH SEARCHES

Attached is a score over length search. This search was developed to overcome limitations in most standard search systems which favor large sequences with high scoring, but lesser overall identity over smaller sequences with higher overall identity. This search is especially useful for relatively small nucleic acid or polypeptide target sequences (antisense, fragments, probes, primers, RNAi, epitopes, haptens, etc.) claimed functionally via a form of hybridization and/or identity language and having defined upper and lower polynucleotide and or polypeptide length limits.

The score over length search is performed by first running the query sequence using examiner-specified identity and polynucleotide or protein length limit parameters, and saving 65,000 hits and 0 alignments from each desired database. The resulting output is reformatted using a Microsoft Word macro and is imported into Excel. The summary table data are then sorted by the ratio of score of each hit sequence divided by its length and the accession numbers for all hits below the examiner's desired score over length parameters are deleted. The remaining accession numbers are used to pull the corresponding sequences from the databases into subdatabases enriched for good hits and the query sequence is re-run against these subdatabases to yield the final results.

The score over length cutoff for this search is 75.

Examiner Please Note: This cover sheet should be included when submitting results to be scanned.